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SUBJECT RFT Funkwerk Koepenick Development of Wave Guides

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THIS IS UNEVALUATED INFORMATION

1. Erich Schuettloeffel, head of Department TEE of Funkwerk Koepenick, is currently engaged in development work on wave guides.
2. Wave guides were developed and constructed in Department TEE by Rudolf Manthey in connection with his development of a shipborne anti-collision radar device (Kollisionsschutzgeraet). The wave guides developed by Manthey are made of drawn steel copperized by galvanization. The galvanization is performed in Werk II of the Funkwerk. The wave guides are of material 0.8 to 1.0 millimeters thick and have a square cross section of about 2 by 4 centimeters. Complete wave guides are available in Department TEE and are at Manthey's disposal; they are for all connections between the transmitter output and the antenna, from the antenna to the receiver and also for the angle joint (Kniegelink) between the antenna and receiver of the radar device.

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